

Mr. Steven L. Pearl  
Cinergy Corporation  
1000 East Main Street  
Plainfield, Indiana 46168-1782

Re: 041-12297  
First Administrative Amendment to  
Part 70 041-7242-00009

Dear Mr. Pearl:

Cinergy Corporation was issued a permit on December 18, 1998 for the Connersville Peaking Station. A letter requesting a change to this permit was received on May 22, 2000. Pursuant to the provisions of 326 IAC 2-7-11, the permit is hereby administratively amended as follows, to indicate a new responsible official and to add a contact person:

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

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The Permittee owns and operates an electricity generating station.

Responsible Official: **Mr. James Menditto** ~~David W. Hoffman, Ph.D.~~  
Source Address: CR 200 W & 30th St., Connersville, Indiana 47331  
Mailing Address: 1000 E. Main St., Plainfield, Indiana 46168  
**Contact Person: Steven L. Pearl**

However, the following requested revision to Condition D.1.3 (Sulfur Dioxide Emissions and Sulfur Content) has been denied. (The requested revision is indicated in bold.)

D.1.3 Sulfur Dioxide Emissions and Sulfur Content

Compliance shall be determined utilizing one of the following options.

- (a) Pursuant to 326 IAC 3-7-4, the Permittee shall demonstrate that the SO<sub>2</sub> emissions from the turbines do not exceed five-tenths (0.5) pound per MMBtu by:
  - (1) Providing vendor analysis of fuel delivered, if accompanied by a certification; or
  - (2) Analyzing the oil sample to determine the sulfur content of the oil via the procedures in 40 CFR 60, Appendix A, Method 19.
    - (A) Oil samples may be collected from the fuel tank immediately after the fuel tank is filled or before oil is combusted; or
    - (B) Oil samples may be taken from each truck upon delivery prior to filling; and
    - (C) If a partially empty fuel tank is refilled, a new sample and analysis would be required upon filling.

**(D) As an alternative to (A) through (C) above, the oil samples may be taken from the tank at the beginning of each day of operation. If oil is added to the fuel tank during operation, another sample shall be taken from the tank at the end of the day of operation. If two samples are taken during a day of operation, the two samples may be composited to represent the fuel combusted on that day.**

The above requested revision has been denied based on compliance concerns with variability of fuel oil sulfur content. If fuel oil is only sampled twice per day, and not per delivery and upon filling of the tank, which may or may not be more than twice a day, the fuel oil sample may be composited incorrectly to provide a lower sulfur content of the fuel oil. Also, two composited samples do not necessarily indicate continuous compliance for sulfur content. A higher sulfur content oil sample may show compliance if composited with a much lower sulfur content sample. Therefore, no change was made to Condition D.1.3. However, vendor analysis may be used as an alternative to sampling.

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Kimberly Titzer, at (800) 451-6027, press 0 and ask for extension (3-8396), or dial (317) 233-8396.

Sincerely,

Paul Dubenetzky, Chief  
Permits Branch  
Office of Air Management

Attachments  
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cc: File – Fayette County  
U.S. EPA, Region V  
Fayette County Health Department  
Air Compliance Section Inspector – Dan Hancock  
Compliance Data Section - Karen Nowak  
Administrative and Development - Janet Mobley  
Technical Support and Modeling - Michele Boner

# **PART 70 OPERATING PERMIT OFFICE OF AIR MANAGEMENT**

**PSI Energy, Inc. - Connersville Peaking Station  
County Road 200 W & 30th Street  
Connersville, Indiana 47331**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 and 326 IAC 2-1-3.2 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T041-7242-00009	
Issued by: Felicia R. George, Assistant Commissioner Office of Air Management	Issuance Date:  December 18, 1998

  

First Administrative Amendment: 041-12297	Revised pages: page 4
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date:

## SECTION A

## SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Management (OAM). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

### A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

The Permittee owns and operates an electricity generating station.

Responsible Official: Mr. James Menditto  
Source Address: CR 200 W & 30th St., Connersville, Indiana 47331  
Mailing Address: 1000 E. Main St., Plainfield, Indiana 46168  
Contact: Steven L. Pearl  
SIC Code: 4911  
County Location: Fayette  
County Status: Attainment for all criteria pollutants  
Source Status: Part 70 Permit Program  
Major Source, under PSD Rules;  
Major Source, Section 112 of the Clean Air Act

### A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices:

- (a) Four (4) oil-fired turbines, identified as Units 1A, 1B, 2A, and 2B, each with a heat input capacity of 582 million BTU per hour, exhausting to four (4) stacks, identified as 1A, 1B, 2A, and 2B, respectively.

### A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

This stationary source also includes the following insignificant activities, which are specifically regulated, as defined in 326 IAC 2-7-1(21):

- (a) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding operations.

### A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a major source, as defined in 326 IAC 2-7-1(22);